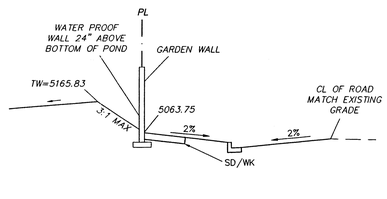
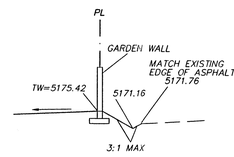


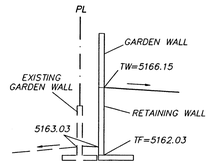
SECTION A-A
NTS



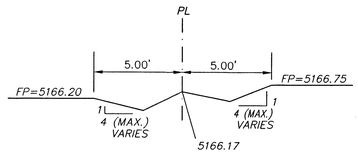
SECTION B-B
NTS



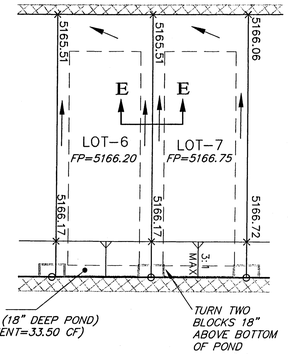
SECTION C-C
NTS



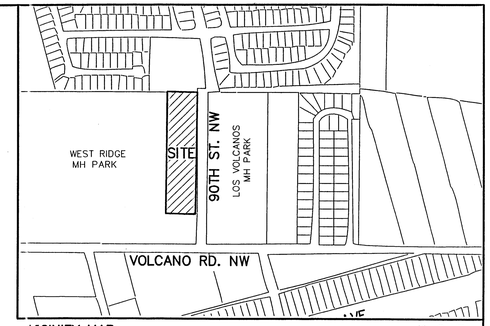
SECTION D-D
NTS



SECTION E-E
NTS



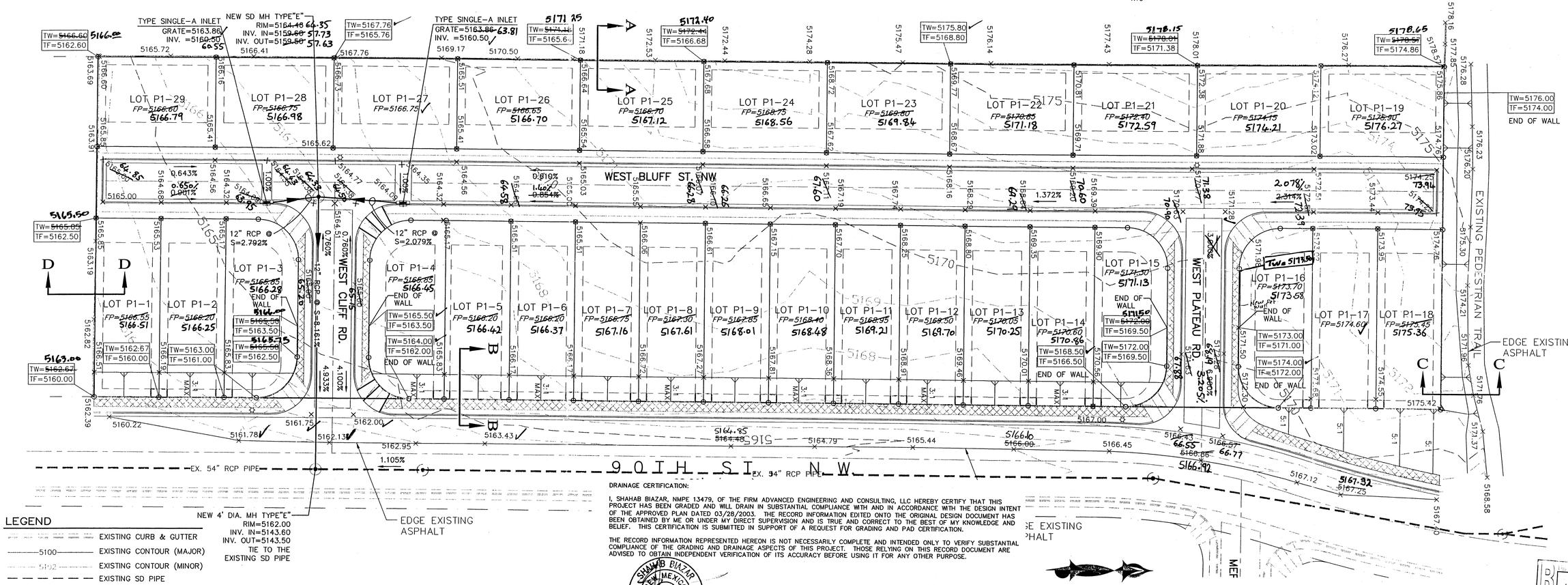
TYPICAL LOT GRADING
NTS



VICINITY MAP: K-9-Z

LEGAL DESCRIPTION:

TRACT 6, LANDS OF C.H. HALL
CONTAINING ± 4 ACRES MORE OR LESS.



LEGEND

- EXISTING CURB & GUTTER
- 5100 EXISTING CONTOUR (MAJOR)
- 5102 EXISTING CONTOUR (MINOR)
- EXISTING SD PIPE
- RETAINING WALL
- NEW CURB & GUTTER
- SET BACK
- BOUNDARY LINE
- PROPOSE LOT LINE
- CENTER LINE
- NEW SIDEWALK
- STD. CURB & GUTTER
- × 5088.23 PROPOSED SPOT ELEVATION
- PROPOSED DROP INLET
- EXISTING STORM SEWER MH
- NEW STORM SEWER MH
- TW=5167.76 / TF=5165.76 TOP OF RETAINING WALL / TOP OF FOOTING

NOTICE TO CONTRACTORS

1. AN EXCAVATION/CONSTRUCTION PERMIT WILL BE REQUIRED BEFORE BEGINNING ANY WORK WITHIN CITY RIGHT-OF-WAY.
2. ALL WORK DETAILED ON THESE PLANS TO BE PERFORMED, EXCEPT AS OTHERWISE STATED OR PROVIDED HEREON, SHALL BE CONSTRUCTED IN ACCORDANCE WITH CITY OF ALBUQUERQUE INTERIM STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION, 1985.
3. TWO WORKING DAYS PRIOR TO ANY EXCAVATION, CONTRACTOR MUST CONTACT LINE LOCATING SERVICE, 765-1234, FOR LOCATION OF EXISTING UTILITIES.
4. PRIOR TO CONSTRUCTION, THE CONTRACTOR SHALL EXCAVATE AND VERIFY THE HORIZONTAL AND VERTICAL LOCATIONS OF ALL CONSTRUCTIONS. SHOULD A CONFLICT EXIST, THE CONTRACTOR SHALL NOTIFY THE ENGINEER SO THAT THE CONFLICT CAN BE RESOLVED WITH A MINIMUM AMOUNT OF DELAY.
5. BACKFILL COMPACTION SHALL BE ACCORDING TO TRAFFIC/STREET USE.
6. MAINTENANCE OF THESE FACILITIES SHALL BE THE RESPONSIBILITY OF THE OWNER OF THE PROPERTY SERVED.
7. WORK ON ARTERIAL STREETS SHALL BE PERFORMED ON A 24-HOUR BASIS.

DRAINAGE CERTIFICATION:

I, SHAHAB BIAZAR, NMPE 13479, OF THE FIRM ADVANCED ENGINEERING AND CONSULTING, LLC HEREBY CERTIFY THAT THIS PROJECT HAS BEEN GRADED AND WILL DRAIN IN SUBSTANTIAL COMPLIANCE WITH AND IN ACCORDANCE WITH THE DESIGN INTENT OF THE APPROVED PLAN DATED 03/28/2003. THE RECORD INFORMATION EDITED ONTO THE ORIGINAL DESIGN DOCUMENT HAS BEEN OBTAINED BY ME OR UNDER MY DIRECT SUPERVISION AND IS TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF. THIS CERTIFICATION IS SUBMITTED IN SUPPORT OF A REQUEST FOR GRADING AND PAD CERTIFICATION.

THE RECORD INFORMATION REPRESENTED HEREON IS NOT NECESSARILY COMPLETE AND INTENDED ONLY TO VERIFY SUBSTANTIAL COMPLIANCE OF THE GRADING AND DRAINAGE ASPECTS OF THIS PROJECT. THOSE RELYING ON THIS RECORD DOCUMENT ARE ADVISED TO OBTAIN INDEPENDENT VERIFICATION OF ITS ACCURACY BEFORE USING IT FOR ANY OTHER PURPOSE.

SHAHAB BIAZAR, NMPE 13479

EROSION CONTROL PLAN AND POLLUTION PREVENTION NOTES

1. CONTRACTOR IS RESPONSIBLE FOR OBTAINING A TOPSOIL DISTURBANCE PERMIT PRIOR TO BEGINNING WORK.
2. CONTRACTOR IS RESPONSIBLE FOR CLEANING ALL SEDIMENT OUT OF EXISTING RIGHT-OF-WAY.
3. CONTRACTOR IS RESPONSIBLE FOR MAINTAINING ALL STORM RUNOFF ON SITE.
4. REPAIR OF DAMAGED FACILITIES AND CLEAN-UP OF SEDIMENT ACCUMULATION ON ADJACENT PROPERTIES AND IN PUBLIC FACILITIES IS THE RESPONSIBILITY OF THE CONTRACTOR.
5. ALL EXPOSED EARTH SURFACES MUST BE PROTECTED FROM WIND AND WATER EROSION PRIOR TO FINAL ACCEPTANCE OF ANY PROJECT.
6. ALL THE DISTURBED AREAS MUST BE REVEGETATED.

GRAPHIC SCALE

30 15 0 30

SCALE: 1"=30'

GENERAL NOTES:

1: CONTOUR INTERVAL IS ONE (1) FOOT.
2: ELEVATIONS ARE BASED ON CITY OF ALBUQUERQUE CONTROL STATION HAVING AN ELEVATION OF 5085.00 FEET ABOVE SEA LEVEL.
3: UTILITIES SHOWN HEREON ARE IN THEIR APPROXIMATE LOCATION BASED ONLY ON ABOVE GROUND EVIDENCE FOUND IN THE FIELD AND AS-BUILT INFORMATION PROVIDED BY THE CLIENT. UTILITIES SHOWN HEREON, WHETHER INDICATED AS ABANDONED OR NOT, SHALL BE VERIFIED BY OTHERS FOR EXACT LOCATION AND/ OR DEPTH PRIOR TO EXCAVATION OR DESIGN CONSIDERATIONS.
4: THIS IS NOT A BOUNDARY SURVEY, BEARINGS ARE ASSUMED, DISTANCES AND FOUND PROPERTY CORNERS ARE FOR INFORMATIONAL PURPOSES ONLY.
5: SLOPES ARE AT 3:1 MAXIMUM.

RECEIVED
JAN 15 2004
HYDROLOGY SECTION

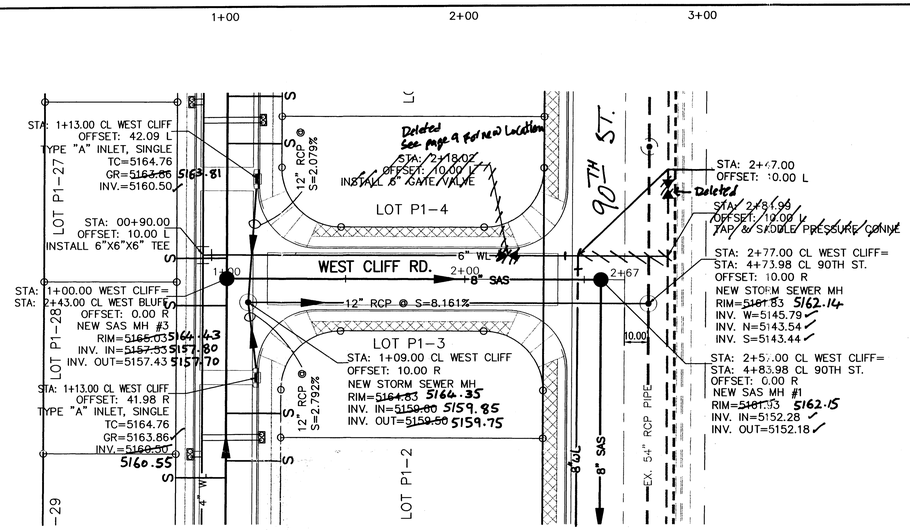
SHAHAB BIAZAR
P.E. #13479

ADVANCED ENGINEERING and CONSULTING, LLC
10205 SNOWFLAKE CT., NW
ALBUQUERQUE, NEW MEXICO 87114
(505)899-5570

WEST PLATEAU MH SUBDIVISION GRADING AND DRAINAGE PLAN

DRAWING:	DRAWN BY:	DATE:	SHEET #
200226-GR.DWG	SHH	10-09-02	3 OF 4

LAST REVISION: 03-28-03



RESTRAINED JOINT LENGTH FOR BENDS, VALVES, DEAD ENDS (FT.)					
PIPE SIZE	90°	45°	22.5°	11.25°	VALVE & DEAD ENDS
6"	17	7	3	2	46

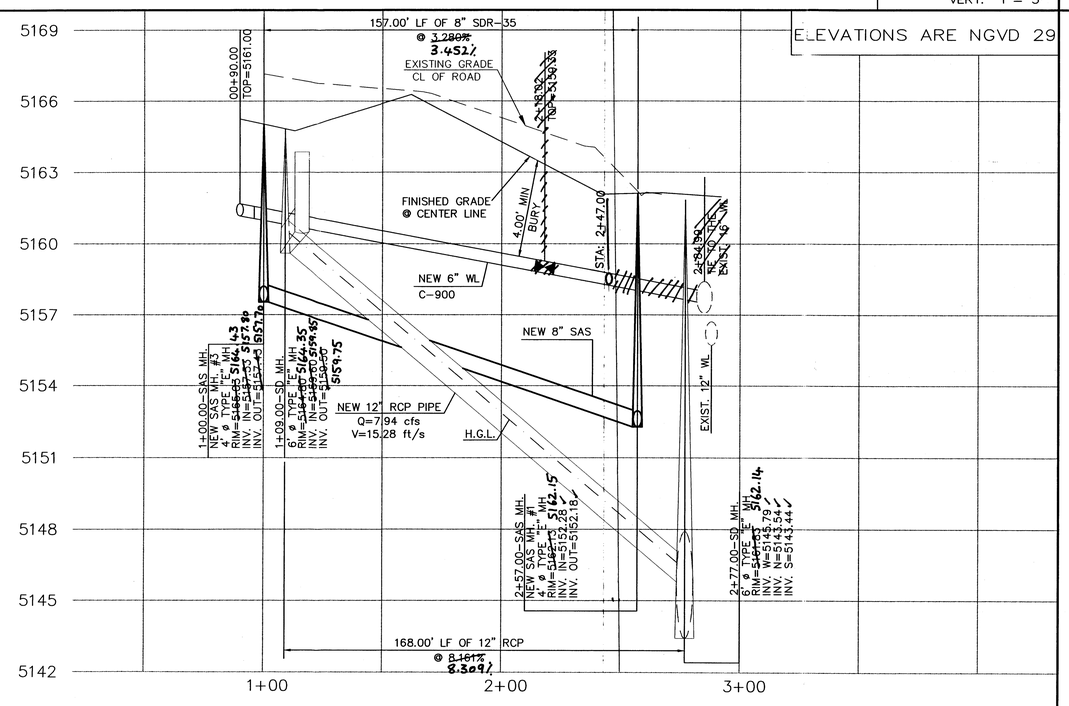
LENGTH OF RESTRAINED PIPE ON EACH SIDE OF THE BEND. RESTRAIN BRANCH AT FITTING ONLY OF TEE: 10.00 FEET.

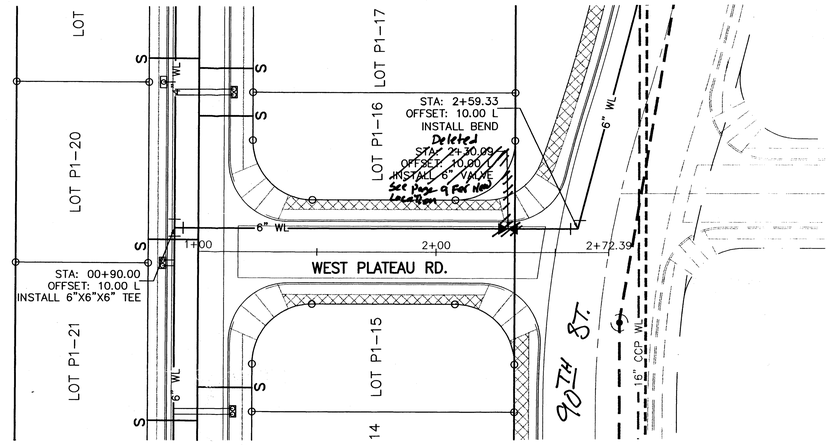
RESTRAINED JOINT LENGTH FOR TEES (FT.)		
PIPE SIZE	RUN	BRANCH
6"X6"X6"	6	20

NOTES:
ALL STATIONING IS CENTERLINE STATIONING.
SEE THIS SHEET FOR RESTRAINING JOINTS REQUIREMENTS.

WEST CLIFF
STA: 1+00.00 TO 2+67.00

SCALE: HORIZ. 1"=30'
VERT. 1"= 3'





RESTRAINED JOINT LENGTH FOR BENDS, VALVES, DEAD ENDS (FT.)					
PIPE SIZE	90°	45°	22.5°	11.25°	VALVE & DEAD ENDS
6"	17	7	3	2	46

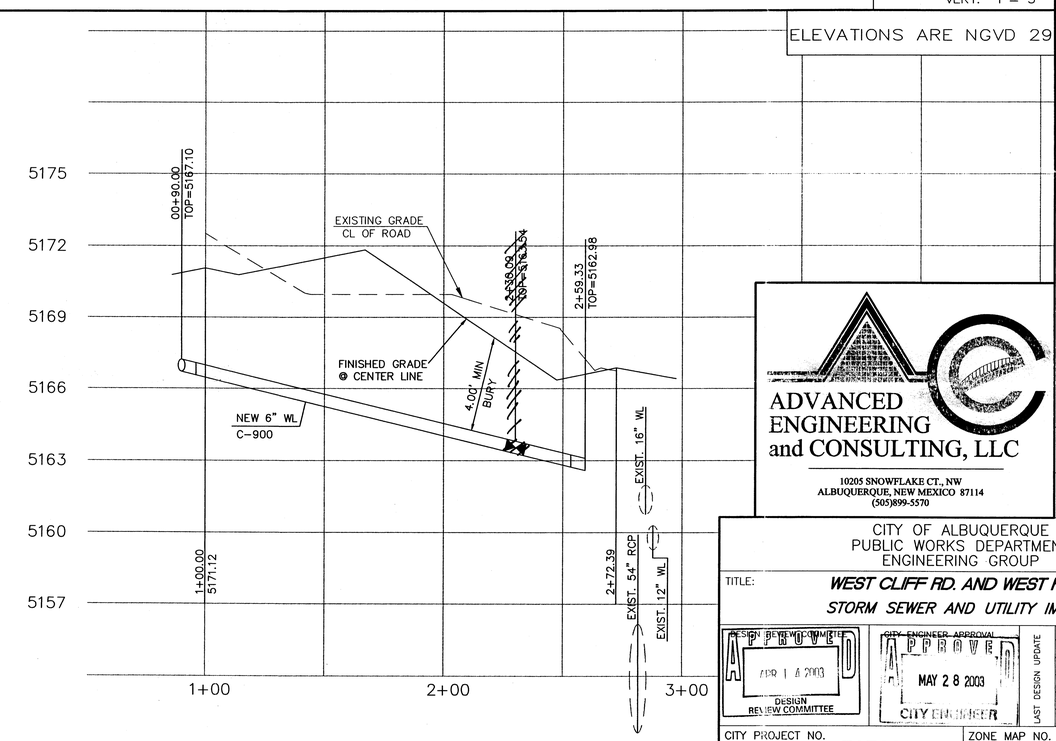
LENGTH OF RESTRAINED PIPE ON EACH SIDE OF THE BEND. RESTRAIN BRANCH AT FITTING ONLY OF TEE: 10.00 FEET.

RESTRAINED JOINT LENGTH FOR TEES (FT.)		
PIPE SIZE	RUN	BRANCH
6"X6"X6"	6	20

NOTES:
ALL STATIONING IS CENTERLINE STATIONING.
SEE THIS SHEET FOR RESTRAINING JOINTS REQUIREMENTS.

WEST PLATEAU
STA: 1+00.00 TO 2+72.39

SCALE: HORIZ. 1"=30'
VERT. 1"= 3'



AS BUILT INFORMATION
CONTRACTOR Albuquerque Excavation, Inc.
WORK STAKED BY Advanced Eng. DATE 7/28/03
WORK COMPLETED BY Advanced Eng. DATE 10/1/03
ACCEPTANCE BY Advanced Eng. DATE 10/1/03
FIELD VERIFICATION BY Advanced Eng. DATE 10/1/03
DRAWINGS CORRECTED BY Advanced Eng. DATE 10/1/03
MICRO-FILM INFORMATION
RECORDED BY DATE
NO.

BENCH MARKS
ACS "7-K9", LOCATED AT THE MEDIAN OF CENTRAL AVE. SW
1.3 MILES SOUTH OF I-40 & UNSER AND 0.58 MILES WEST
OF CENTRAL & UNSER INT. CENTRAL STATION DATA
NM STATE PLANE COORDINATES
X = 355,815.77
Y = 1,482,842.09-NAD 1927
G-G = 0.99967820
Dc = -0°16'37"
ELEV=5137.363 NGVD 1929

SURVEY INFORMATION
FIELD NOTES
NO. BY DATE

ENGINEER'S SEAL
STATE OF NEW MEXICO
REGISTERED PROFESSIONAL ENGINEER
14729
7/28/03

NO.	DATE	REMARKS	BY
		REVISIONS	
		DESIGN	
		DESIGNED BY	SB DATE 04-03
		DRAWN BY	SB DATE 04-03
		CHECKED BY	SB DATE 04-03

ADVANCED ENGINEERING and CONSULTING, LLC
10205 SNOWFLAKE CT., NW
ALBUQUERQUE, NEW MEXICO 87114
(505)899-5570

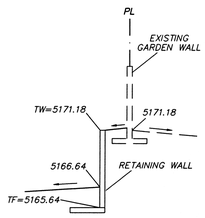
RECEIVED
JAN 15 2004
HYDROLOGY SECTION

CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT
ENGINEERING GROUP

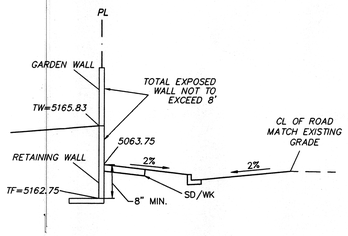
TITLE: WEST CLIFF RD. AND WEST PLATEAU RD.
STORM SEWER AND UTILITY IMPROVEMENTS

DESIGN REVIEW COMMITTEE: APPROVED JAN 16 2003 DESIGN REVIEW COMMITTEE
CITY ENGINEER APPROVAL: APPROVED MAY 28 2003 CITY ENGINEER
LAST DESIGN UPDATE: MO./DAY/YR. MO./DAY/YR.

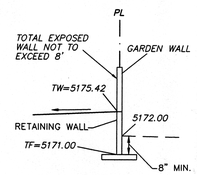
CITY PROJECT NO. 707881
ZONE MAP NO. K-9-Z
SHEET 10 OF 14



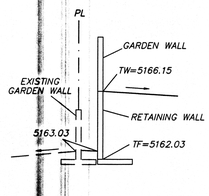
SECTION A-A
NTS



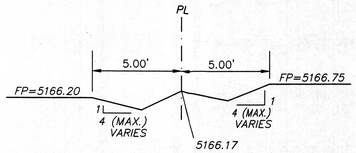
SECTION B-B
NTS



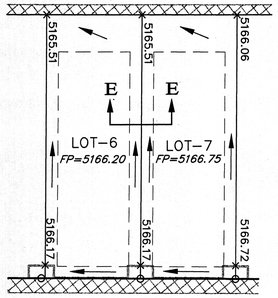
SECTION C-C
NTS



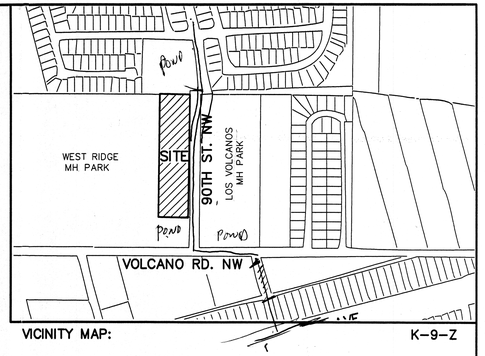
SECTION D-D
NTS



SECTION E-E
NTS



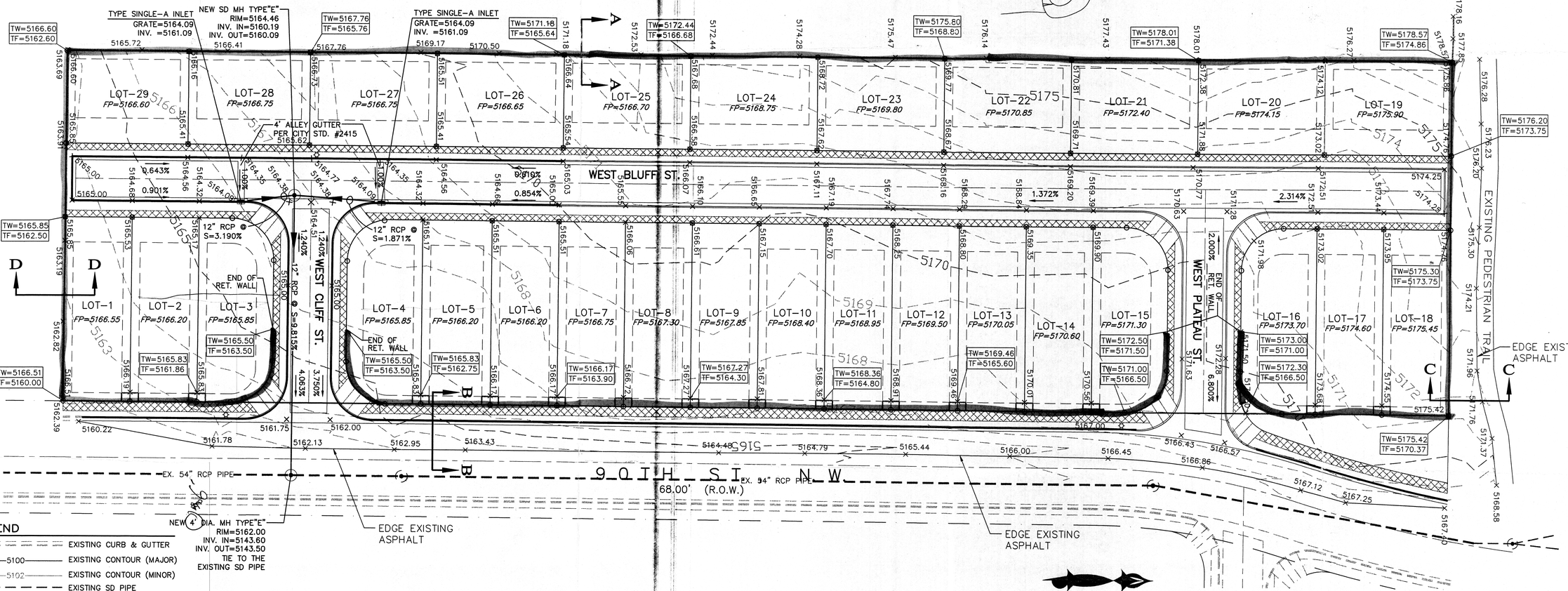
TYPICAL LOT GRADING
NTS



VICINITY MAP: K-9-Z

LEGAL DESCRIPTION:

TRACT 6, LANDS OF C.H. HALL
CONTAINING ± 4 ACRES MORE OR LESS.



LEGEND

- EXISTING CURB & GUTTER
- 5100 EXISTING CONTOUR (MAJOR)
- 5102 EXISTING CONTOUR (MINOR)
- EXISTING SD PIPE
- RETAINING WALL
- NEW CURB & GUTTER
- SET BACK
- BOUNDARY LINE
- PROPOSE LOT LINE
- CENTER LINE
- NEW SIDEWALK
- STD. CURB & GUTTER
- × 5088.23 PROPOSED SPOT ELEVATION
- PROPOSED DROP INLET
- EXISTING STORM SEWER MH
- NEW STORM SEWER MH
- TW=5167.76 / TF=5165.76 TOP OF RETAINING WALL / TOP OF FOOTING

NOTICE TO CONTRACTORS

1. AN EXCAVATION/CONSTRUCTION PERMIT WILL BE REQUIRED BEFORE BEGINNING ANY WORK WITHIN CITY RIGHT-OF-WAY.
2. ALL WORK DETAILED ON THESE PLANS TO BE PERFORMED, EXCEPT AS OTHERWISE STATED OR PROVIDED HEREON, SHALL BE CONSTRUCTED IN ACCORDANCE WITH CITY OF ALBUQUERQUE INTERIM STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION, 1985.
3. TWO WORKING DAYS PRIOR TO ANY EXCAVATION, CONTRACTOR MUST CONTACT LINE LOCATING SERVICE, 765-1234, FOR LOCATION OF EXISTING UTILITIES.
4. PRIOR TO CONSTRUCTION, THE CONTRACTOR SHALL EXCAVATE AND VERIFY THE HORIZONTAL AND VERTICAL LOCATIONS OF ALL CONSTRUCTIONS. SHOULD A CONFLICT EXIST, THE CONTRACTOR SHALL NOTIFY THE ENGINEER SO THAT THE CONFLICT CAN BE RESOLVED WITH A MINIMUM AMOUNT OF DELAY.
5. BACKFILL COMPACTION SHALL BE ACCORDING TO TRAFFIC/STREET USE.
6. MAINTENANCE OF THESE FACILITIES SHALL BE THE RESPONSIBILITY OF THE OWNER OF THE PROPERTY SERVED.
7. WORK ON ARTERIAL STREETS SHALL BE PERFORMED ON A 24-HOUR BASIS.

ROUGH GRADING APPROVAL DATE

EROSION CONTROL PLAN AND POLLUTION PREVENTION NOTES

1. CONTRACTOR IS RESPONSIBLE FOR OBTAINING A TOPSOIL DISTURBANCE PERMIT PRIOR TO BEGINNING WORK.
2. CONTRACTOR IS RESPONSIBLE FOR CLEANING ALL SEDIMENT OUT OF EXISTING RIGHT-OF-WAY.
3. CONTRACTOR IS RESPONSIBLE FOR MAINTAINING ALL STORM RUNOFF ON SITE.
4. REPAIR OF DAMAGED FACILITIES AND CLEAN-UP OF SEDIMENT ACCUMULATION ON ADJACENT PROPERTIES AND IN PUBLIC FACILITIES IS THE RESPONSIBILITY OF THE CONTRACTOR.
5. ALL EXPOSED EARTH SURFACES MUST BE PROTECTED FROM WIND AND WATER EROSION PRIOR TO FINAL ACCEPTANCE OF ANY PROJECT.
6. ALL THE DISTURBED AREAS MUST BE REVEGETATED.

GRAPHIC SCALE

30 15 0 30

SCALE: 1"=30'

GENERAL NOTES:

1: CONTOUR INTERVAL IS ONE (1) FOOT.
2: ELEVATIONS ARE BASED ON CITY OF ALBUQUERQUE CONTROL STATION HAVING AN ELEVATION OF 5085.00 FEET ABOVE SEA LEVEL.
3: UTILITIES SHOWN HEREON ARE IN THEIR APPROXIMATE LOCATION BASED ONLY ON ABOVE GROUND EVIDENCE FOUND IN THE FIELD AND AS-BUILT INFORMATION PROVIDED BY THE CLIENT. UTILITIES SHOWN HEREON, WHETHER INDICATED AS ABANDONED OR NOT, SHALL BE VERIFIED BY OTHERS FOR EXACT LOCATION AND/ OR DEPTH PRIOR TO EXCAVATION OR DESIGN CONSIDERATIONS.
4: THIS IS NOT A BOUNDARY SURVEY, BEARINGS ARE ASSUMED, DISTANCES AND FOUND PROPERTY CORNERS ARE FOR INFORMATIONAL PURPOSES ONLY.
5: SLOPES ARE AT 3:1 MAXIMUM.

LAST REVISION: 10-09-2002

SHAHAB BIAZAR
NEW MEXICO
10/09/02
REGISTERED PROFESSIONAL ENGINEER

SHAHAB BIAZAR
P.E. #13479

RECEIVED
OCT 09 2002
HYDROLOGY SECTION

ADVANCED ENGINEERING and CONSULTING, LLC

10205 SNOWFLAKE CT., NW
ALBUQUERQUE, NEW MEXICO 87114
(505)899-5570

WEST BLUFF MH SUBDIVISION GRADING AND DRAINAGE PLAN

DRAWING:	DRAWN BY:	DATE:	SHEET #
200226-GR.DWG	SHH	10-09-02	3 OF 4